

## VIAL HANDLING SYSTEM WITH IMPROVED MIXING SYSTEM

### ABSTRACT OF THE DISCLOSURE

A vial autosampler includes a vial cup adapted to contain a vial with a stir member inside. The vial autosampler includes a vial mixing system for agitating the contents of the vial. The mixing system has an actuator, such as a motor, and a mixing hub that is coupled to the actuator. The mixing hub includes at least one magnetic field source disposed to rotate a magnetic field about the vial cup.